

# FORMATION BRIEFING GUIDE

## 1- MISSION

2- **WEATHER** Current and forecast, departure, working area, destination.

## 3- FLIGHT CALL SIGN

4- **LINEUP - POSITION and PILOT** #1 \_\_\_\_\_ #2 \_\_\_\_\_ #3 \_\_\_\_\_ #4 \_\_\_\_\_  
Alternate Lead \_\_\_\_\_

5- **RADIO PROCEDURES** Check in procedures. Hand signals.

6- **PREFLIGHT and ENGINE START** Time hack. Start up time \_\_\_\_\_  
Canopies. Start up signal. Frequency on startup.

7- **TAXI** Sequence. Lead dictates. #2 sets. Checklists. Elevator flutter to signal a move from stagger to trail.

8- **RUNUP** Line abreast preferred. Frequency change. Pass thumbs up 'up the line' when ready.

9- **TAKEOFF - JOINUP** Type of Takeoff - Section or Interval. Join in Fingertip.  
Wind speed and direction. Power settings. A/C characteristics.  
Separation. Line of Position. Hand signals. Aborts. Turning rejoin.  
Pursuit curves. Straight-ahead rejoin. Only Lead squawks.

10- **CLIMB** 100 kts (115 mph). Power setting. Join in Fingertip then 'kick out' to route formation.

11- **ROUTE** Formation. Frequency changes. Hand and aircraft signals. OPS checks.

12- **WORKING AREA** Boundaries. Altitudes. Restrictions. Threats.

13- **MISSION REQUIREMENTS** Sequence of maneuvers. 130 KIAS.

**ROUTE FINGERTIP CROSS-UNDER ECHELON TURNS PITCHOUT AND REJOIN**  
**DIAMOND CLOSE TRAIL EXTENDED TRAIL REJOIN IN FINGERTIP ROUTE**

14- **RETURN TO BASE or DESTINATION** Formation - Route. Ops check. Frequencies.  
Hand signals. Only Lead squawks.

15- **APPROACH and LANDING** ATIS / Wx. Frequencies. Pattern entry. Section landing or Overhead pattern. Radio Comm in Pattern. Pitchout interval, #2 determines interval. Hand signals.  
Pattern - Perch - Path over the ground. Spacing. Turbulence / prop wash. Runway side. Cold-Hot or staggered. Call cold "2's cold". Passing on runway. Go around.

16- **TAXI BACK** Turn off - same for all. Frequency changes.

17- **PARKING - SHUTDOWN** Lead sets the tone. Canopies and flaps. Positioning. Shutdown.

## 18- EMERGENCY PROCEDURES

Aborts. Problems after T/O - immediate recovery. NORDO - drop off at 300'  
Lost sight / Breakout / Knock It Off call. Divert fields. SAR - establish high and low, notify ATC